

filed June 7, 1996, now Patent No. 5,886,337; which is a Continuation of Application No. 08/293,493 filed August 19, 1994, now Patent No. 5,525,789, which is a Continuation of Application No. 07/761,123 filed September 17, 1991, now Patent No. 5,340,971, which is a CIP of Application No. 07/583,421, filed September 17, 1990, now Patent No. 5,260,553; copending Application No. 08/921,870, filed August 25, 1997, now Patent No. 5,925,871; which is a Continuation of Application No. 08/561,479 filed November 20, 1995, now Patent No. 5,661,292, which is a Continuation of Application No. 08/293,695 filed August 19, 1994, now Patent No. 5,468,951, which is a Continuation of Application No. 07/898,919 filed June 12, 1992, now Patent No. 5,340,973, and a Continuation of Application No. 07/761,123 filed September 17, 1991, now Patent No. 5,340,971; Application No. 08/827,118 filed March 27, 1997, now Patent No. 5,925,870; which is a Continuation of Application No. 08/584,135 filed January 11, 1996, now Patent No. 5,616,908, which is a Continuation of Application No. 08/278,109 filed November 24, 1993, now Patent No. 5,484,992, which is a Continuation of Application No. 07/960,733 filed October 14, 1992, now abandoned, which was a CIP of Application No. 07/898,919, filed June 12, 1992, now Patent No. 5,340,973, and a CIP of Application No. 07/761,123 filed September 17, 1991, now Patent No. 5,340,971; Application No. 08/887,756 filed July 3, 1997, now Patent No. 6,085,981; which is a Continuation of Application No. 08/632,899 filed April 16, 1996, now Patent No. 5,756,982, which is Continuation of Application No. 08/489,305 filed June 9, 1995, now abandoned, which is a Continuation of Application No. 07/821,917 filed January 16, 1992, now abandoned, which was a CIP of Application No. 07/580,740 filed September 11, 1990, now abandoned and a CIP of Application No. 07/583,421 filed September 17, 1990, now Patent No. 5,260,553]. Each said patent application is assigned to and commonly owned by Metrologic Instruments, Inc. of Blackwood, New Jersey, and is incorporated herein by reference in its entirety.

AMENDMENT TO THE CLAIMS:

Please cancel claims 1-92 without prejudice or disclaimer and add claims 93-98 as follows:

--93. An wireless bar code symbol reading system for use both vertical and horizontal orientations in a work environment, said system comprising:

(A) a wireless hand-supportable bar code symbol reading device in two-way RF communication with a base station operably connected to a host system, by way of an RF-based wireless data communication link over which two-way communication of data packets can occur, said wireless hand-supportable bar code reading device including a hand-supportable housing; and

(B) said base station installable within a work environment and including a base station housing having a cradle portion provided with a pair of hinged support hooks for supporting said hand-supportable housing of said reading device in both vertical and horizontal orientations in said work environment;

wherein said pair of hinged support hooks are arrangeable in a protracted position within said cradle portion so as to support said hand-supportable housing in said cradle portion mounted in a vertical orientation in said work environment; and

wherein said pair of hinged support hooks are arrangeable in a retracted position within said cradle portion so as to support said hand-supportable housing in said cradle portion mounted in a horizontal orientation in said work environment.--

--94. The wireless bar code symbol reading system of claim 93, wherein said wireless hand-supportable bar code reading device further includes:

a bar code symbol reading mechanism, disposed in said hand-supportable housing, for optically scanning and reading a bar code symbol on an object, and producing a symbol character data string representative of said read bar code symbol;

a first RF-based transceiver circuit, disposed in said hand-supportable housing, for transmitting to said base station, a group of data packets associated with said produced symbol character data strings; and

a device controller, disposed within said hand-supportable housing, for controlling the operation of said wireless hand-supportable bar code symbol reading device.--

--95. The wireless bar code symbol reading system of claim 94, wherein said base station further includes:

a second RF-based transceiver circuit, disposed within said base station housing, for receiving said group of data packets transmitted from said first RF-based transceiver circuit, and

a base station controller mounted in said base station housing, for controlling the operation of said base station;

wherein said first and second RF-based transceiver circuits enable said RF-based wireless data communication link between said wireless hand-supportable bar code reading device and said base station; and

wherein said first and second RF-based transceiver circuits cooperate to enable the communication of data packets between said wireless hand-supportable bar code symbol reading device and said base station, over said RF-based wireless data communication link.--

--96. The wireless bar code symbol reading system of claim 93, wherein said cradle portion includes a radio antenna.--

--97. The wireless bar code symbol reading system of claim 96, wherein said first RF-based transceiver circuit and said device controller are realized as first RF-based chipset disposed within said hand-supportable housing.--

--98. The wireless bar code symbol reading system of claim 96, wherein said second RF-based transceiver circuit and said base station controller are realized as second RF-based chipset disposed within said base station housing.--

REQUIREMENT UNDER 37 C.F.R. 1.121

As required under 37 C.F.R. 1.121, a clean set of first the paragraph on Page 1, pursuant to the above Amendment, is set forth below.

RELATED CASES

The present application is a Continuation of Application No. 10/342,433 filed January 12, 2003 which is a continuation-in-part (CIP) of: Application No. 09/452,976 filed December 2, 1999; and Application No. 09/204,176, filed December 3, 1998, now Patent 6,283,375. Each said patent application is assigned to and commonly owned by Metrologic Instruments, Inc. of Blackwood, New Jersey, and is incorporated herein by reference in its entirety.

REQUIREMENT UNDER 37 C.F.R. 1.121

As required under 37 C.F.R. 1.121, a clean set of pending claims 93-98 is set forth below.

93. An wireless bar code symbol reading system for use both vertical and horizontal orientations in a work environment, said system comprising:

(A) a wireless hand-supportable bar code symbol reading device in two-way RF communication with a base station operably connected to a host system, by way of an RF-based wireless data communication link over which two-way communication of data packets can occur, said wireless hand-supportable bar code reading device including a hand-supportable housing; and

(B) said base station installable within a work environment and including a base station housing having a cradle portion provided with a pair of hinged support hooks for supporting said hand-supportable housing of said reading device in both vertical and horizontal orientations in said work environment;

wherein said pair of hinged support hooks are arrangeable in a protracted position within said cradle portion so as to support said hand-supportable housing in said cradle portion mounted in a vertical orientation in said work environment; and

wherein said pair of hinged support hooks are arrangeable in a retracted position within said cradle portion so as to support said hand-supportable housing in said cradle portion mounted in a horizontal orientation in said work environment.

94. The wireless bar code symbol reading system of claim 93, wherein said wireless hand-supportable bar code reading device further includes:

a bar code symbol reading mechanism, disposed in said hand-supportable housing, for optically scanning and reading a bar code symbol on an object, and producing a symbol character data string representative of said read bar code symbol;

a first RF-based transceiver circuit, disposed in said hand-supportable housing, for transmitting to said base station, a group of data packets associated with said produced symbol character data strings; and

a device controller, disposed within said hand-supportable housing, for controlling the operation of said wireless hand-supportable bar code symbol reading device.

95. The wireless bar code symbol reading system of claim 94, wherein said base station further includes:

a second RF-based transceiver circuit, disposed within said base station housing, for receiving said group of data packets transmitted from said first RF-based transceiver circuit, and

a base station controller mounted in said base station housing, for controlling the operation of said base station;

wherein said first and second RF-based transceiver circuits enable said RF-based wireless data communication link between said wireless hand-supportable bar code reading device and said base station; and

wherein said first and second RF-based transceiver circuits cooperate to enable the communication of data packets between said wireless hand-supportable bar code symbol reading device and said base station, over said RF-based wireless data communication link.

96. The wireless bar code symbol reading system of claim 93, wherein said cradle portion includes a radio antenna.

97. The wireless bar code symbol reading system of claim 96, wherein said first RF-based transceiver circuit and said device controller are realized as first RF-based chipset disposed within said hand-supportable housing.

98. The wireless bar code symbol reading system of claim 96, wherein said second RF-based transceiver circuit and said base station controller are realized as second RF-based chipset disposed within said base station housing.